

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062075.D
 Acq On : 29 Apr 2019 21:06
 Operator : FY/SY
 Sample : K2194-13
 Misc : 6.80µm/5mL/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 01:12:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

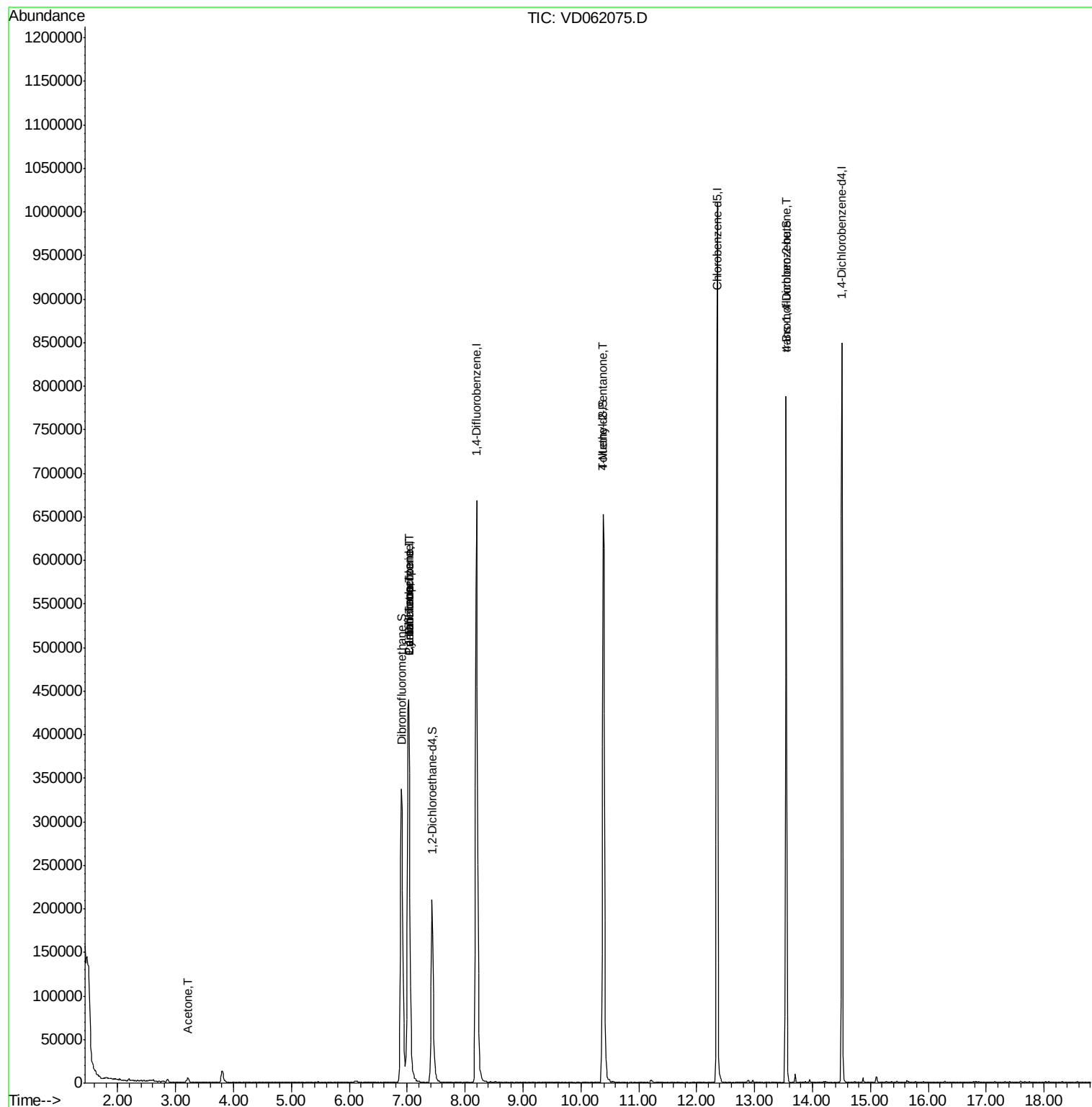
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	477647	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	760956	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	616282	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	200200	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	216563	57.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	115.86%	
35) Dibromofluoromethane	6.90	113	319166	60.65	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	121.30%	
50) Toluene-d8	10.38	98	583787	46.62	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.24%	
62) 4-Bromofluorobenzene	13.54	95	226123	45.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.12	94	197	Below Cal	#	12
16) Acetone	3.21	43	9525	10.671	ug/l	95
18) Methyl Acetate	3.64	43	600	Below Cal	#	53
20) Methylene Chloride	3.80	84	10172	Below Cal	#	77
31) Cyclohexane	7.02	56	8204	1.473	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	35161	5.931	ug/l #	47
38) Carbon Tetrachloride	7.03	117	47097	6.269	ug/l #	16
51) 4-Methyl-2-Pentanone	10.38	43	2625	1.163	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	89637	116.352	ug/l #	16

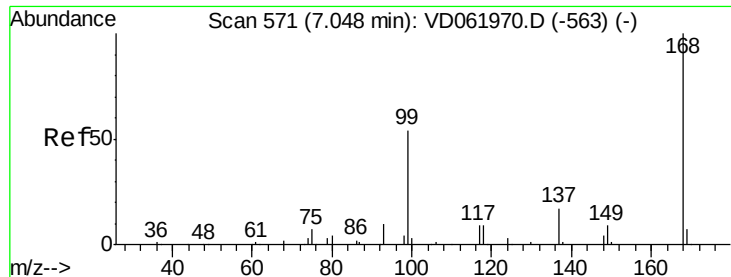
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 30 01:12:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD062075.D

Acq: 29 Apr 2019 21:06

Instrument :

MSVOA_D

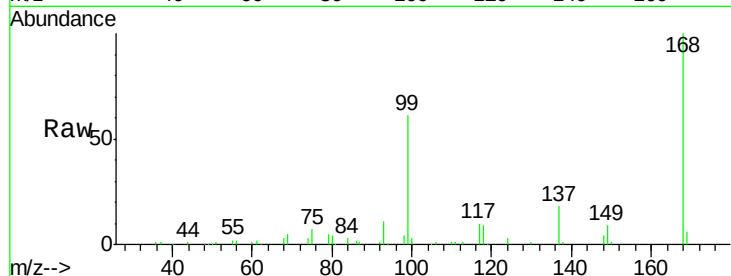
ClientSampleId :

Tot Ion:168 Resp: 477647

Ion Ratio Lower Upper

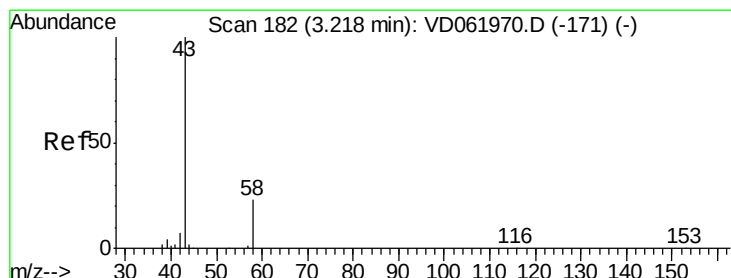
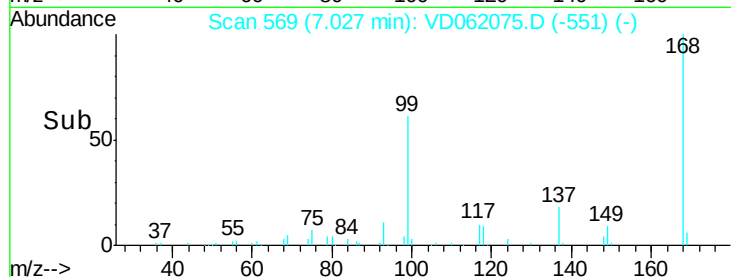
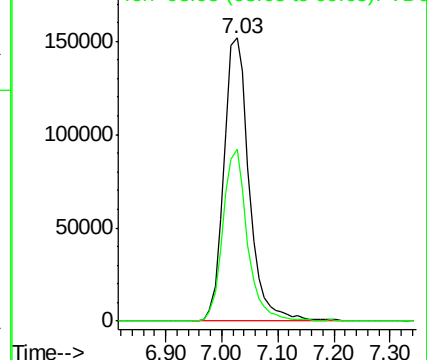
168 100

99 61.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 10.671 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062075.D

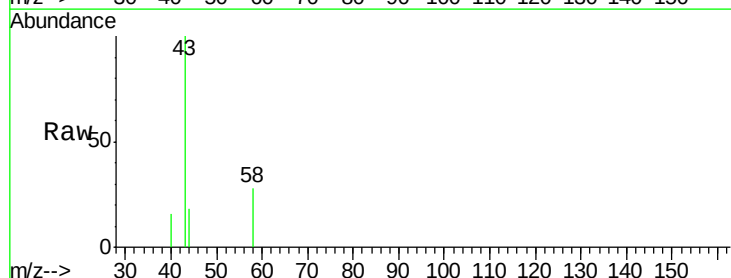
Acq: 29 Apr 2019 21:06

Tgt Ion: 43 Resp: 9525

Ion Ratio Lower Upper

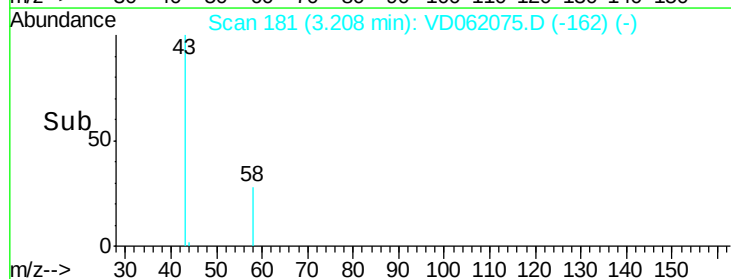
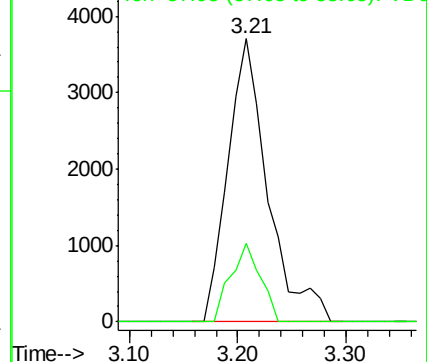
43 100

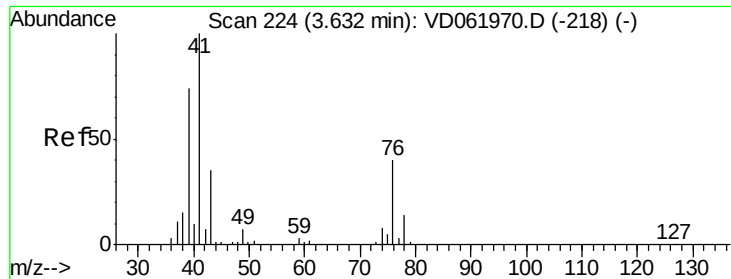
58 27.6 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

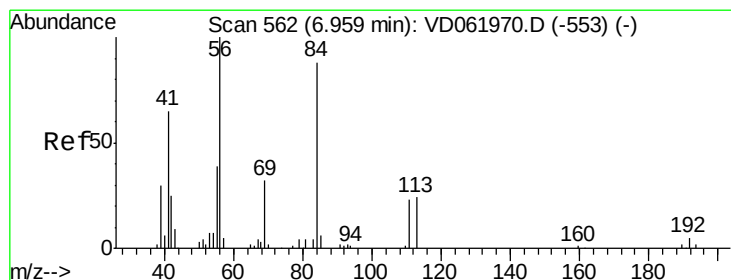
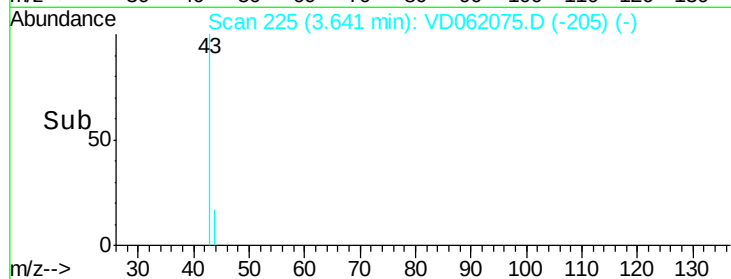
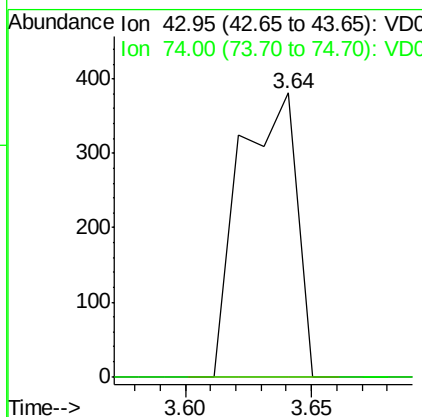
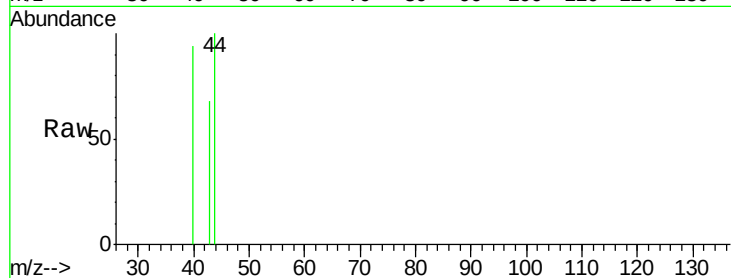




#18
Methyl Acetate
Concen: Below Cal
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD062075.D
Acq: 29 Apr 2019 21:06

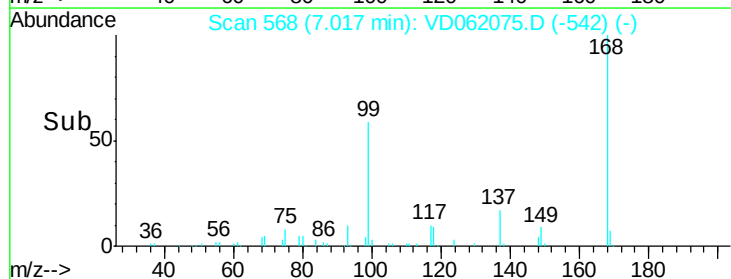
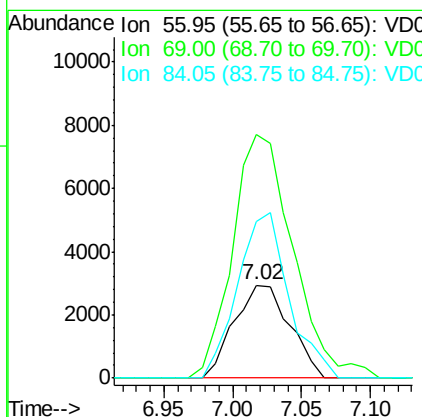
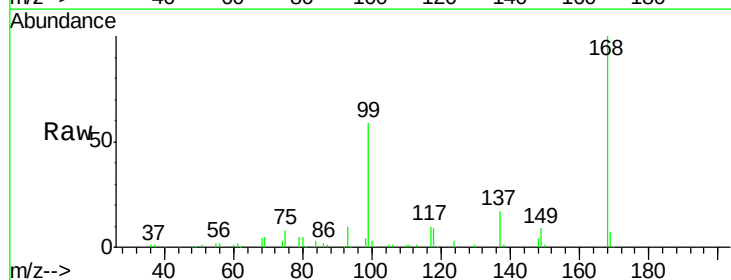
Instrument :
MSVOA_D
ClientSampleId :

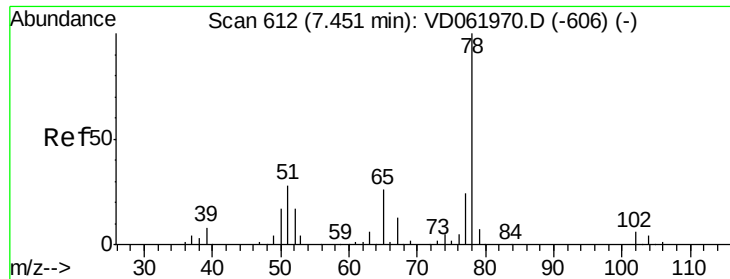
Tot Ion: 43 Resp: 600
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#31
Cyclohexane
Concen: 1.473 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.05 min
Lab File: VD062075.D
Acq: 29 Apr 2019 21:06

Tgt Ion: 56 Resp: 8204
Ion Ratio Lower Upper
56 100
69 261.7 25.8 38.6#
84 168.5 72.2 108.4#

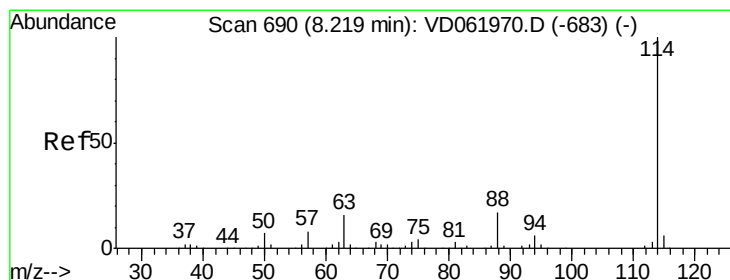
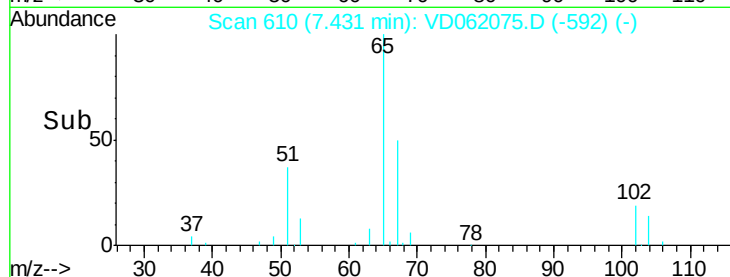
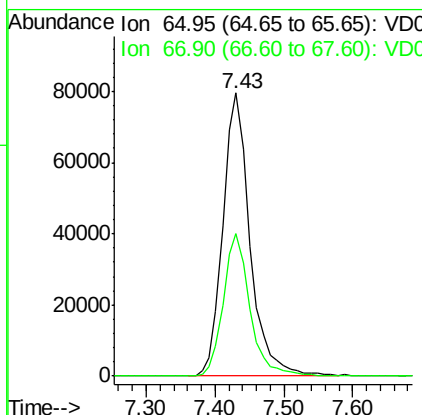
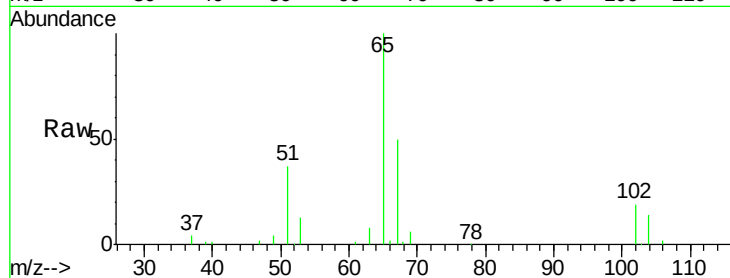




#33
 1,2-Dichloroethane-d4
 Concen: 57.930 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: VD062075.D
 Acq: 29 Apr 2019 21:06

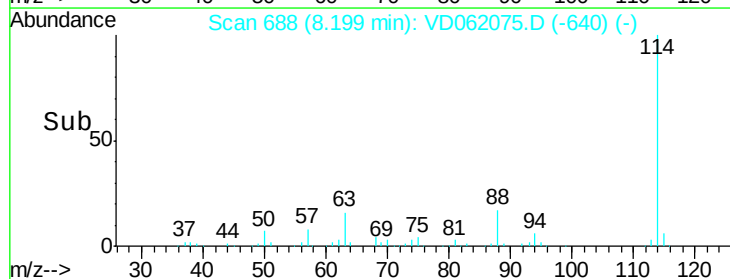
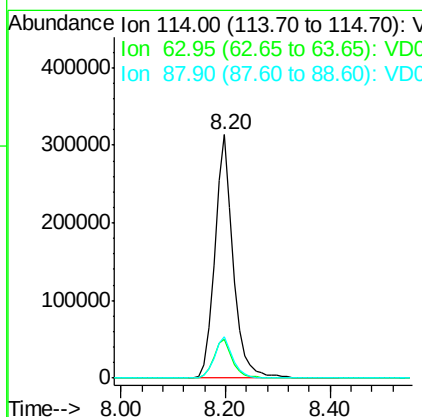
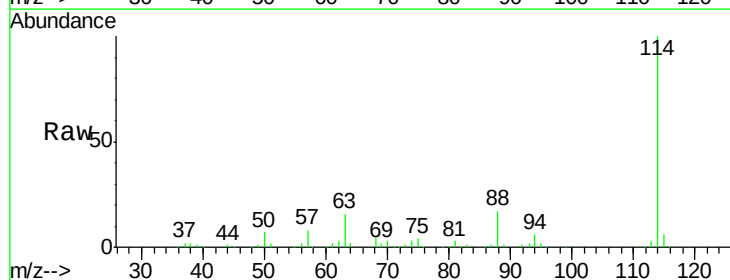
Instrument :
 MSVOA_D
 ClientSampleId :

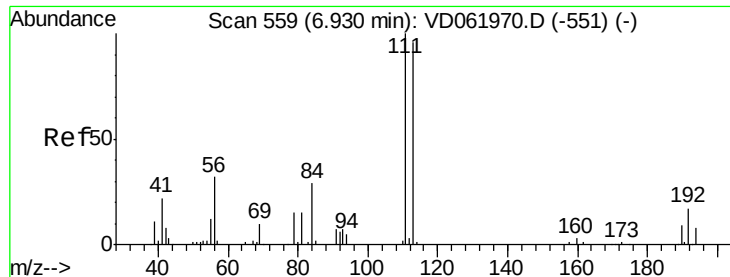
Tot Ion: 65 Resp: 216563
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD062075.D
 Acq: 29 Apr 2019 21:06

Tgt Ion: 114 Resp: 760956
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 32.4
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 60.646 ug/l

RT: 6.90 min Scan# 556

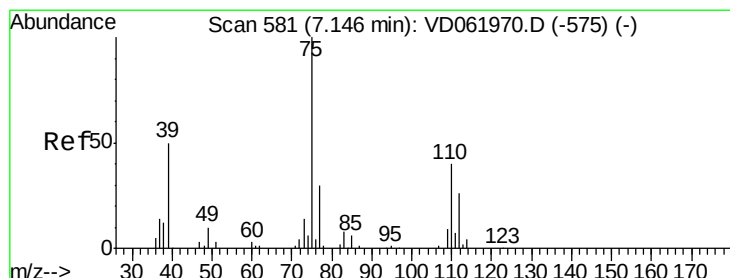
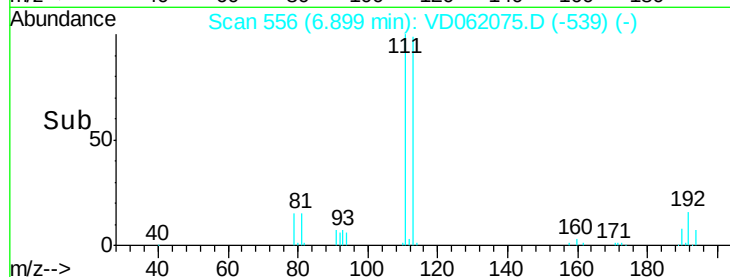
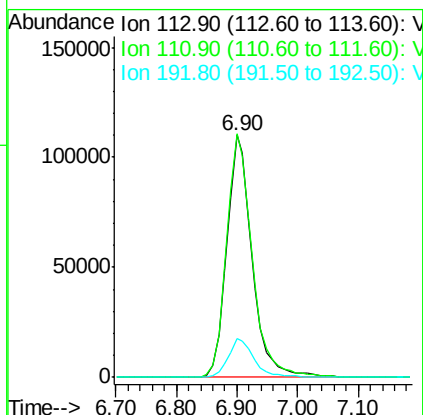
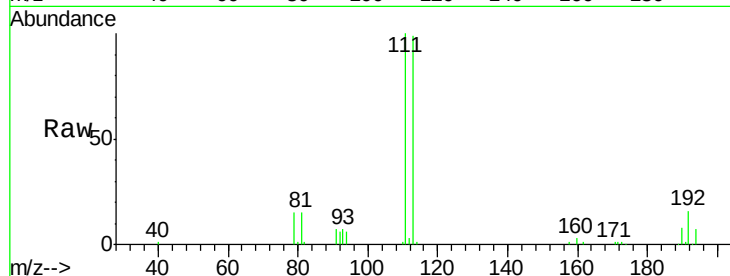
Delta R.T. -0.03 min

Lab File: VD062075.D

Acq: 29 Apr 2019 21:06

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	78.5	117.7
192	15.9	13.0	19.4



#36

1,1-Dichloropropene

Concen: 5.931 ug/l

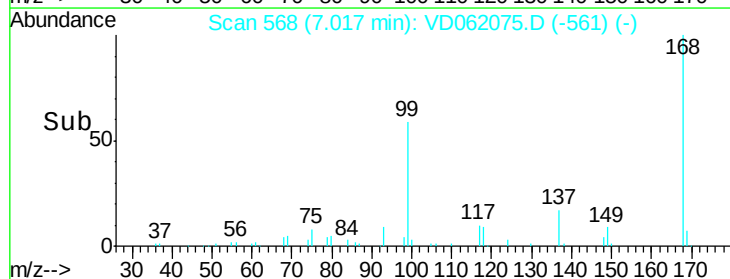
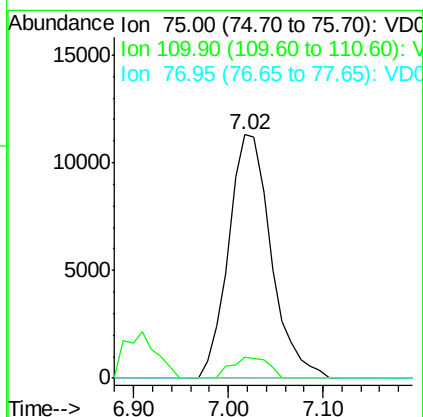
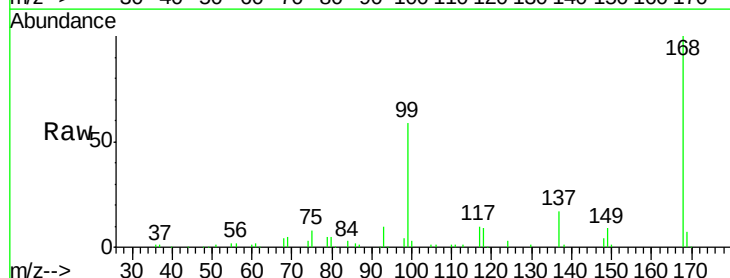
RT: 7.02 min Scan# 568

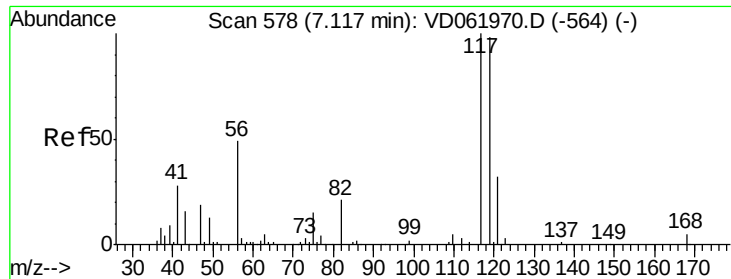
Delta R.T. -0.13 min

Lab File: VD062075.D

Acq: 29 Apr 2019 21:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.1	57.1#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 6.269 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD062075.D

Acq: 29 Apr 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

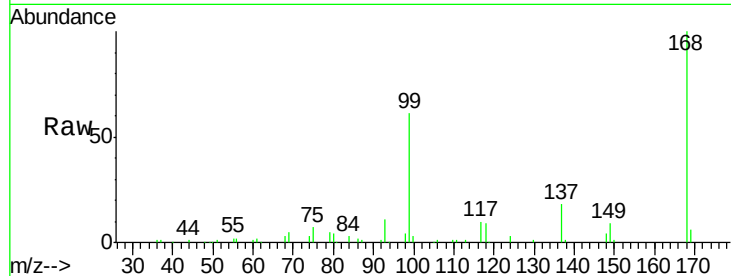
Tot Ion:117 Resp: 47097

Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

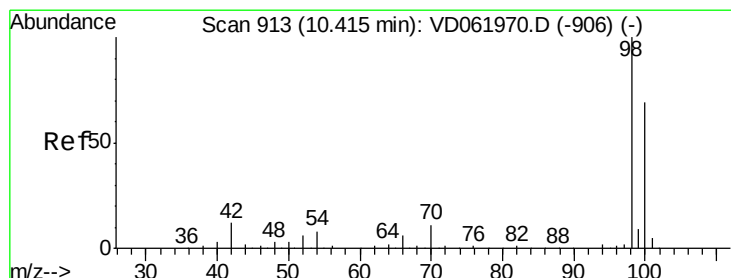
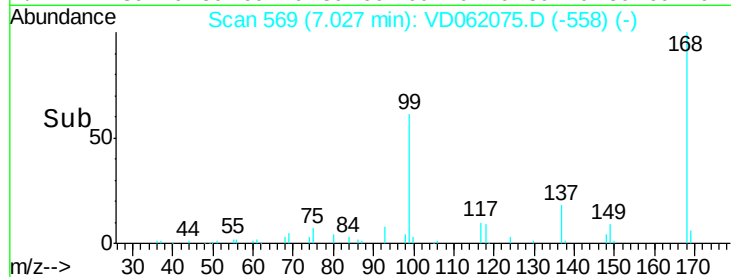
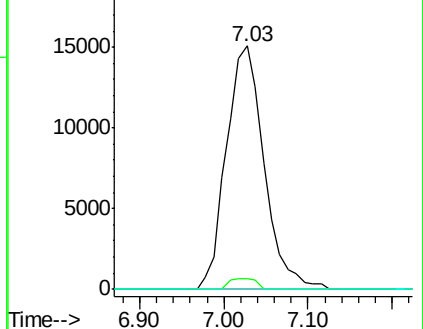
121 0.0 25.9 38.9#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: 46.618 ug/l

RT: 10.38 min Scan# 910

Delta R.T. -0.03 min

Lab File: VD062075.D

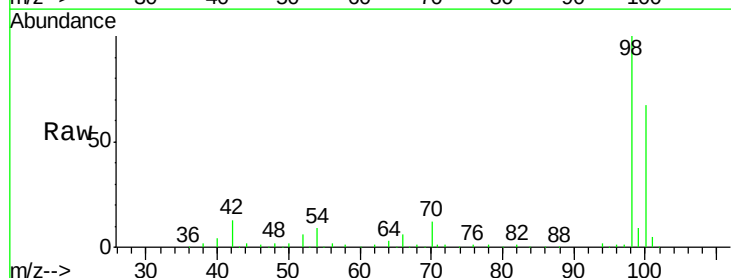
Acq: 29 Apr 2019 21:06

Tgt Ion: 98 Resp: 583787

Ion Ratio Lower Upper

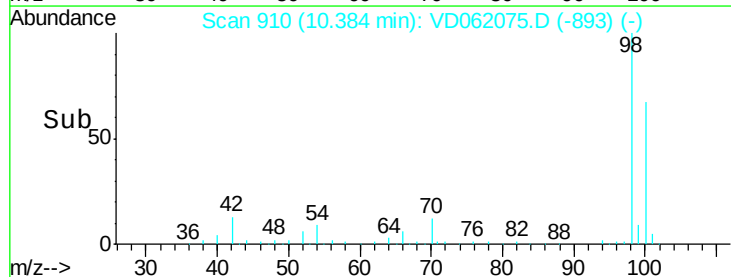
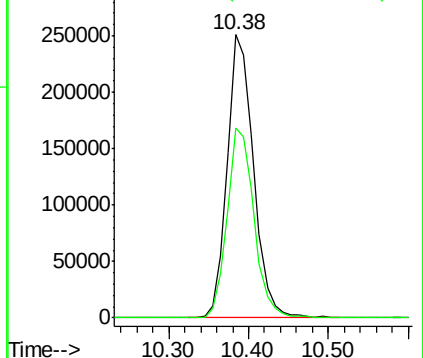
98 100

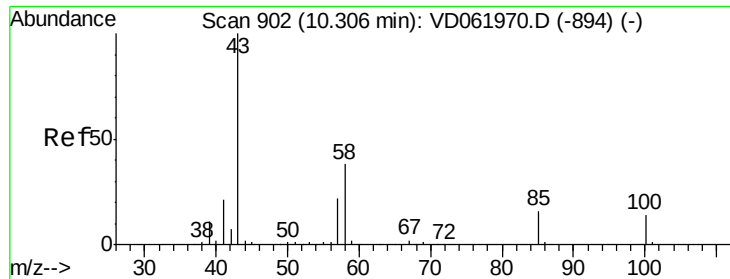
100 67.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.163 ug/l

RT: 10.38 min Scan# 910

Delta R.T. 0.08 min

Lab File: VD062075.D

Acq: 29 Apr 2019 21:06

Instrument :

MSVOA_D

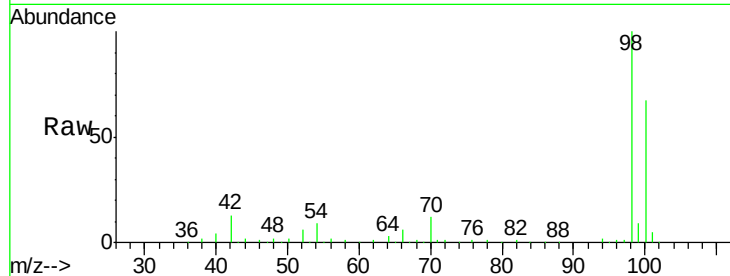
ClientSampled :

Tot Ion: 43 Resp: 2625

Ion Ratio Lower Upper

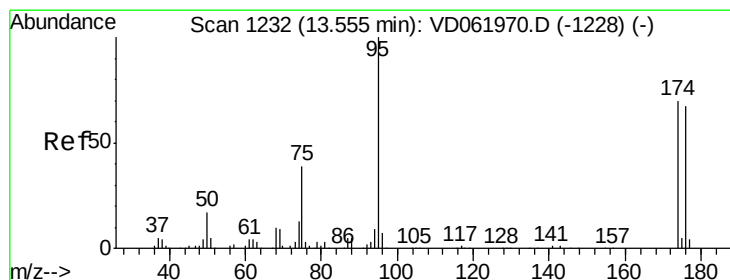
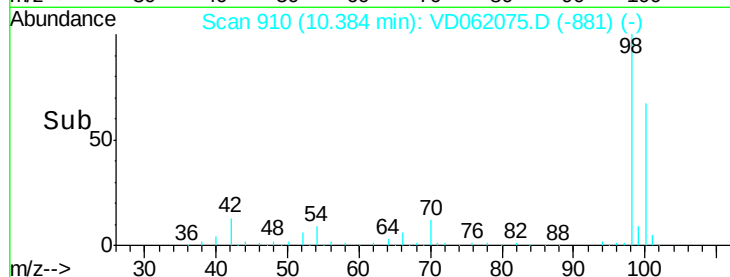
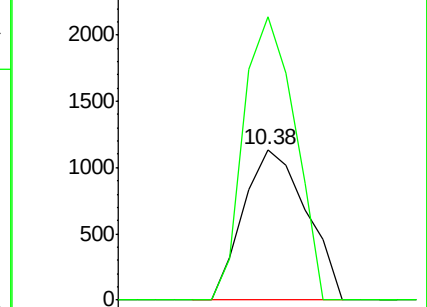
43 100

58 188.1 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: 45.020 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD062075.D

Acq: 29 Apr 2019 21:06

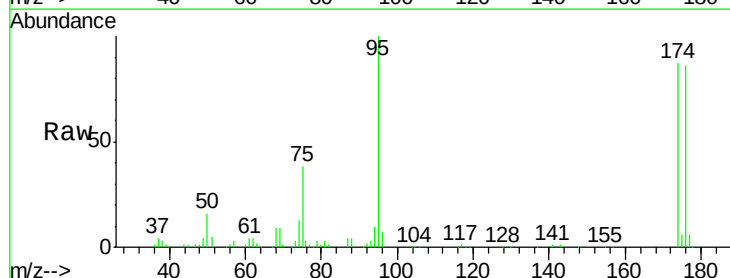
Tgt Ion: 95 Resp: 226123

Ion Ratio Lower Upper

95 100

174 86.9 0.0 181.8

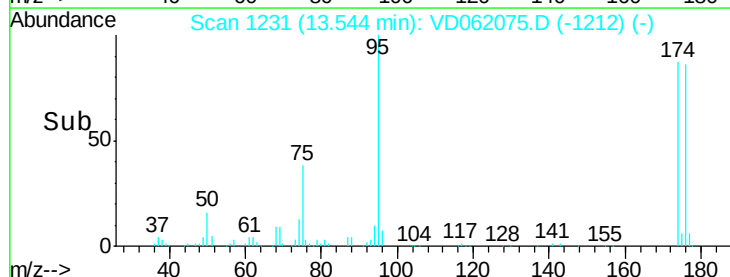
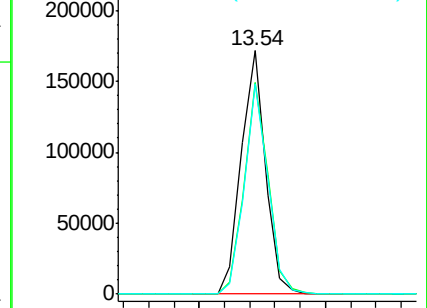
176 86.2 0.0 174.4

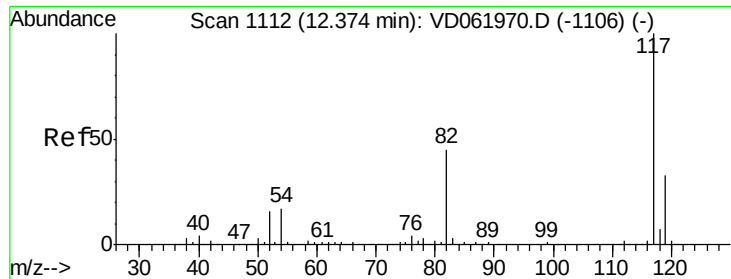


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

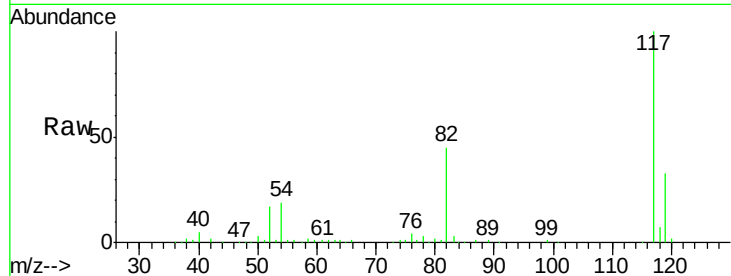




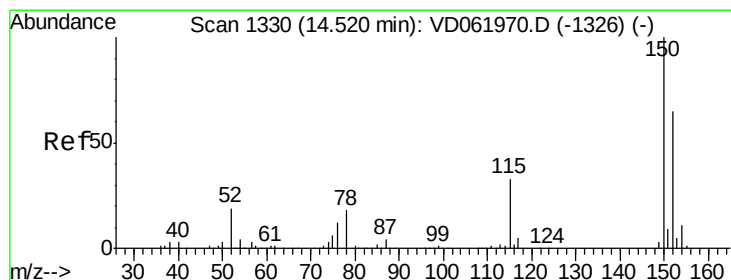
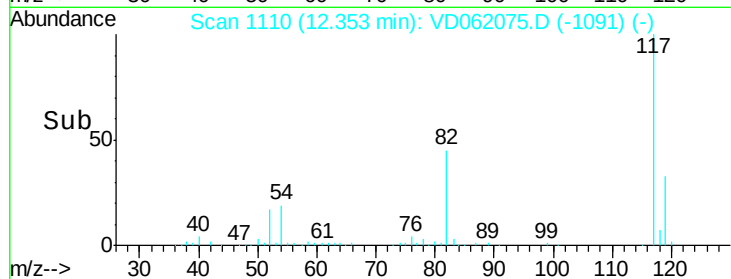
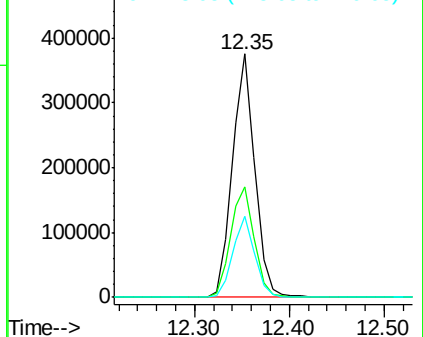
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062075.D
Acq: 29 Apr 2019 21:06

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 616282
Ion Ratio Lower Upper
117 100
82 45.4 36.2 54.2
119 33.2 26.2 39.4

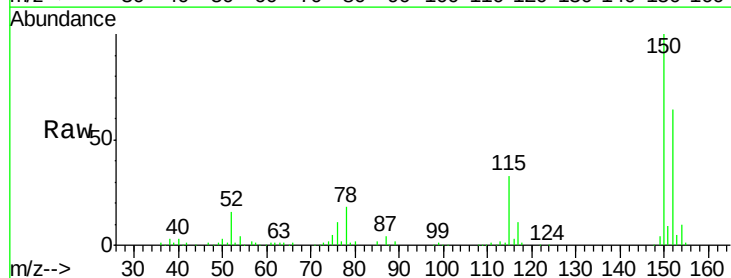


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

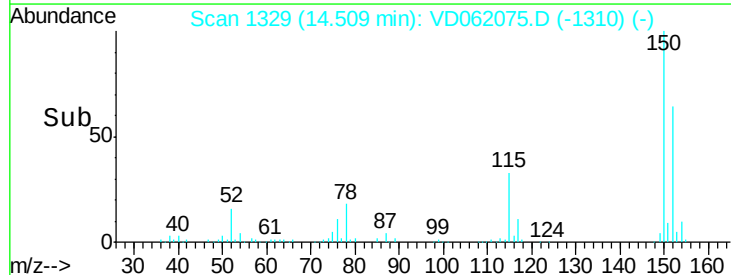
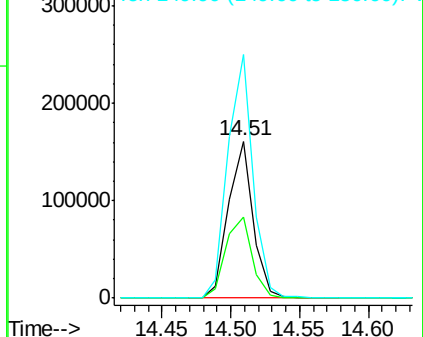


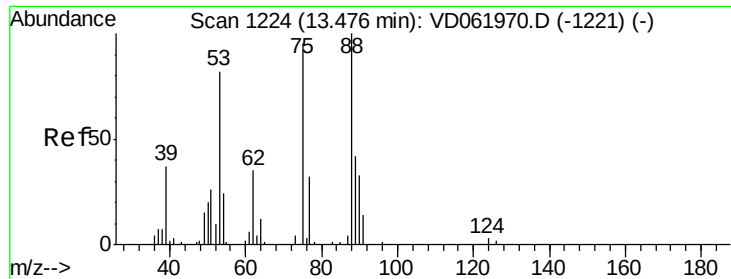
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062075.D
Acq: 29 Apr 2019 21:06

Tgt Ion:152 Resp: 200200
Ion Ratio Lower Upper
152 100
115 51.5 30.9 92.7
150 155.3 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 116.352 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD062075.D

Acq: 29 Apr 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

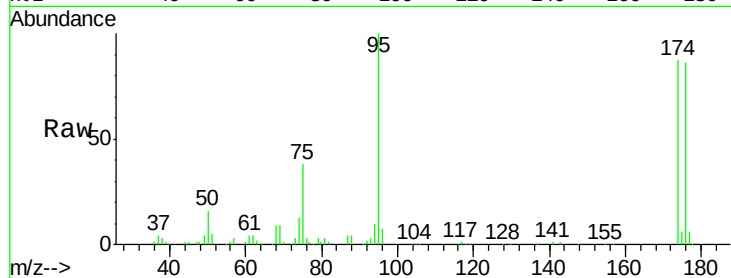
Tot Ion: 75 Resp: 89637

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

